



**Davis County Environmental Health
Services Division Air Quality Bureau**

Report Date: 7/9/2014 8:27:52 AM
Report Date Range: 1/1/2013 to
12/31/2013
UserID: STOCKHOLM\mikee
STATION: A11

**19 - Retest Emission Test Volume and Failure Rate By Model
Year and Vehicle Type**

Model Year	Vehicle Type	Total	Failures	Percentage
1968	SEDAN	25	14	56.00%
	PICKUP	6	1	16.67%
1969	SEDAN	7	1	14.29%
	PICKUP	11	6	54.55%
1970	SEDAN	8	4	50.00%
	PICKUP	9	1	11.11%
1971	SEDAN	13	4	30.77%
	PICKUP	11	3	27.27%
	SPORT/UTILITY VEHICLE	3	1	33.33%
1972	SEDAN	12	2	16.67%
	PICKUP	12	3	25.00%
1973	SEDAN	17	5	29.41%
	PICKUP	13	1	7.69%
	MINIVAN	2	2	100.00%
1974	SEDAN	6	3	50.00%
	PICKUP	8	3	37.50%
1975	SEDAN	8	4	50.00%
	PICKUP	11	7	63.64%
1976	SEDAN	10	6	60.00%
	PICKUP	34	16	47.06%
	SPORT/UTILITY VEHICLE	9	2	22.22%
	FULL-SIZE VAN	5	2	40.00%
1977	SEDAN	6	2	33.33%
	PICKUP	35	17	48.57%
	SPORT/UTILITY VEHICLE	15	6	40.00%
1978	SEDAN	10	6	60.00%
	PICKUP	43	18	41.86%
	MINIVAN	6	3	50.00%
	FULL-SIZE VAN	12	6	50.00%
1979	SEDAN	28	17	60.71%
	PICKUP	45	13	28.89%
	SPORT/UTILITY VEHICLE	16	6	37.50%
	FULL-SIZE VAN	9	4	44.44%
1980	SEDAN	16	7	43.75%
	PICKUP	16	4	25.00%
	SPORT/UTILITY VEHICLE	5	1	20.00%
	FULL-SIZE VAN	4	2	50.00%
1981	SEDAN	14	10	71.43%
	PICKUP	26	11	42.31%



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1981	SPORT/UTILITY VEHICLE	13	5	38.46%
	FULL-SIZE VAN	5	1	20.00%
1982	SEDAN	16	8	50.00%
	PICKUP	22	10	45.45%
	SPORT/UTILITY VEHICLE	13	7	53.85%
	FULL-SIZE VAN	5	3	60.00%
	HEAVY DUTY	9	3	33.33%
1983	SEDAN	15	6	40.00%
	PICKUP	22	8	36.36%
	SPORT/UTILITY VEHICLE	17	10	58.82%
	MINIVAN	5	4	80.00%
	HEAVY DUTY	6	4	66.67%
1984	SEDAN	37	20	54.05%
	PICKUP	51	21	41.18%
	SPORT/UTILITY VEHICLE	19	7	36.84%
	FULL-SIZE VAN	13	7	53.85%
	HEAVY DUTY	18	7	38.89%
1985	SEDAN	39	17	43.59%
	STATION WAGON	1	1	100.00%
	PICKUP	66	34	51.52%
	SPORT/UTILITY VEHICLE	33	15	45.45%
	FULL-SIZE VAN	20	7	35.00%
	HEAVY DUTY	22	11	50.00%
1986	SEDAN	71	34	47.89%
	STATION WAGON	3	2	66.67%
	PICKUP	86	43	50.00%
	SPORT/UTILITY VEHICLE	28	16	57.14%
	MINIVAN	5	2	40.00%
	FULL-SIZE VAN	14	6	42.86%
	HEAVY DUTY	19	6	31.58%
1987	SEDAN	92	50	54.35%
	PICKUP	53	22	41.51%
	SPORT/UTILITY VEHICLE	25	4	16.00%
	FULL-SIZE VAN	20	13	65.00%
	HEAVY DUTY	14	8	57.14%
1988	SEDAN	100	52	52.00%
	STATION WAGON	4	1	25.00%
	PICKUP	54	22	40.74%
	SPORT/UTILITY VEHICLE	47	27	57.45%
	MINIVAN	6	1	16.67%
	FULL-SIZE VAN	22	13	59.09%
	HEAVY DUTY	15	8	53.33%
1989	SEDAN	76	29	38.16%



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1989	STATION WAGON	5	4	80.00%
	PICKUP	103	34	33.01%
	SPORT/UTILITY VEHICLE	31	10	32.26%
	FULL-SIZE VAN	14	8	57.14%
	HEAVY DUTY	28	17	60.71%
1990	SEDAN	135	60	44.44%
	STATION WAGON	7	3	42.86%
	PICKUP	84	23	27.38%
	SPORT/UTILITY VEHICLE	58	36	62.07%
	MINIVAN	7	2	28.57%
	FULL-SIZE VAN	11	4	36.36%
	HEAVY DUTY	17	4	23.53%
1991	SEDAN	271	112	41.33%
	STATION WAGON	9	5	55.56%
	PICKUP	128	52	40.63%
	SPORT/UTILITY VEHICLE	36	7	19.44%
	MINIVAN	8	3	37.50%
	FULL-SIZE VAN	14	2	14.29%
	HEAVY DUTY	26	13	50.00%
1992	SEDAN	249	111	44.58%
	PICKUP	137	42	30.66%
	SPORT/UTILITY VEHICLE	49	20	40.82%
	MINIVAN	21	10	47.62%
	FULL-SIZE VAN	13	3	23.08%
	HEAVY DUTY	30	10	33.33%
1993	SEDAN	258	105	40.70%
	STATION WAGON	8	5	62.50%
	PICKUP	147	52	35.37%
	SPORT/UTILITY VEHICLE	73	20	27.40%
	MINIVAN	16	7	43.75%
	FULL-SIZE VAN	12	3	25.00%
	HEAVY DUTY	42	25	59.52%
1994	SEDAN	363	143	39.39%
	PICKUP	152	42	27.63%
	SPORT/UTILITY VEHICLE	107	32	29.91%
	MINIVAN	17	8	47.06%
	FULL-SIZE VAN	8	1	12.50%
	HEAVY DUTY	28	11	39.29%
1995	SEDAN	387	145	37.47%
	PICKUP	135	35	25.93%
	SPORT/UTILITY VEHICLE	112	31	27.68%
	MINIVAN	22	10	45.45%
	FULL-SIZE VAN	18	2	11.11%



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1995	HEAVY DUTY	45	17	37.78%
1996	SEDAN	381	118	30.97%
	PICKUP	143	30	20.98%
	SPORT/UTILITY VEHICLE	130	31	23.85%
	MINIVAN	30	3	10.00%
	FULL-SIZE VAN	19	6	31.58%
	HEAVY DUTY	65	27	41.54%
1997	SEDAN	462	134	29.00%
	STATION WAGON	21	6	28.57%
	PICKUP	181	36	19.89%
	SPORT/UTILITY VEHICLE	182	42	23.08%
	MINIVAN	53	20	37.74%
	FULL-SIZE VAN	14	2	14.29%
	HEAVY DUTY	93	30	32.26%
1998	SEDAN	519	130	25.05%
	STATION WAGON	21	3	14.29%
	PICKUP	230	70	30.43%
	SPORT/UTILITY VEHICLE	201	39	19.40%
	MINIVAN	82	26	31.71%
	FULL-SIZE VAN	17	7	41.18%
	HEAVY DUTY	31	6	19.35%
1999	SEDAN	510	113	22.16%
	STATION WAGON	16	3	18.75%
	PICKUP	139	23	16.55%
	SPORT/UTILITY VEHICLE	313	66	21.09%
	MINIVAN	84	14	16.67%
	FULL-SIZE VAN	19	5	26.32%
	HEAVY DUTY	100	27	27.00%
2000	SEDAN	643	123	19.13%
	STATION WAGON	24	4	16.67%
	PICKUP	183	33	18.03%
	SPORT/UTILITY VEHICLE	205	35	17.07%
	MINIVAN	99	22	22.22%
	FULL-SIZE VAN	20	5	25.00%
	HEAVY DUTY	78	20	25.64%
2001	SEDAN	577	115	19.93%
	STATION WAGON	34	8	23.53%
	PICKUP	163	34	20.86%
	SPORT/UTILITY VEHICLE	300	46	15.33%
	MINIVAN	75	14	18.67%
	FULL-SIZE VAN	28	6	21.43%
	HEAVY DUTY	111	25	22.52%
2002	SEDAN	785	278	35.41%



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2002	STATION WAGON	48	18	37.50%
	PICKUP	190	58	30.53%
	SPORT/UTILITY VEHICLE	326	98	30.06%
	MINIVAN	119	36	30.25%
	FULL-SIZE VAN	18	9	50.00%
	HEAVY DUTY	135	58	42.96%
2003	SEDAN	653	230	35.22%
	STATION WAGON	42	16	38.10%
	PICKUP	133	37	27.82%
	SPORT/UTILITY VEHICLE	373	113	30.29%
	MINIVAN	112	46	41.07%
	FULL-SIZE VAN	22	4	18.18%
	HEAVY DUTY	180	66	36.67%
2004	SEDAN	543	171	31.49%
	STATION WAGON	32	10	31.25%
	PICKUP	171	54	31.58%
	SPORT/UTILITY VEHICLE	338	95	28.11%
	MINIVAN	89	20	22.47%
	FULL-SIZE VAN	15	4	26.67%
	HEAVY DUTY	229	98	42.79%
2005	SEDAN	536	142	26.49%
	PICKUP	141	28	19.86%
	SPORT/UTILITY VEHICLE	295	66	22.37%
	MINIVAN	95	27	28.42%
	FULL-SIZE VAN	12	6	50.00%
	HEAVY DUTY	195	60	30.77%
2006	SEDAN	491	130	26.48%
	STATION WAGON	39	5	12.82%
	PICKUP	305	92	30.16%
	SPORT/UTILITY VEHICLE	235	48	20.43%
	MINIVAN	82	19	23.17%
	FULL-SIZE VAN	25	4	16.00%
2007	SEDAN	319	77	24.14%
	PICKUP	208	69	33.17%
	SPORT/UTILITY VEHICLE	244	68	27.87%
	MINIVAN	46	5	10.87%
	FULL-SIZE VAN	16	1	6.25%
2008	SEDAN	39	6	15.38%
	PICKUP	34	12	35.29%
	SPORT/UTILITY VEHICLE	49	15	30.61%
	MINIVAN	9	5	55.56%
	FULL-SIZE VAN	7	3	42.86%
2009	SEDAN	144	33	22.92%



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2009	STATION WAGON	10	1	10.00%
	PICKUP	61	28	45.90%
	SPORT/UTILITY VEHICLE	67	13	19.40%
	MINIVAN	15	3	20.00%
	FULL-SIZE VAN	7	1	14.29%
2010	SEDAN	38	8	21.05%
	SPORT/UTILITY VEHICLE	31	6	19.35%
2011	SEDAN	127	13	10.24%
	PICKUP	117	63	53.85%
	SPORT/UTILITY VEHICLE	120	30	25.00%
	MINIVAN	17	1	5.88%
	FULL-SIZE VAN	13	6	46.15%
2012	SEDAN	53	16	30.19%
	STATION WAGON	3	2	66.67%
	PICKUP	9	3	33.33%
	SPORT/UTILITY VEHICLE	39	23	58.97%
2013	SEDAN	20	9	45.00%
	PICKUP	16	13	81.25%
	SPORT/UTILITY VEHICLE	9	1	11.11%
	MINIVAN	7	1	14.29%
2014	SEDAN	2	1	50.00%
TOTALS		20704	6277	30.32%

Summary By Vehicle Type

Vehicle Type	Total	Failures	Percentage
SEDAN	9131	2824	30.93%
STATION WAGON	327	97	29.66%
PICKUP	3944	1227	31.11%
SPORT/UTILITY VEHICLE	4166	1098	26.36%
MINIVAN	1129	314	27.81%
FULL-SIZE VAN	471	156	33.12%
HEAVY DUTY	1536	561	36.52%
TOTALS	20704	6277	30.32%